QUA-RAE

HERE IS NEWS OF.... THE RADIO ASSOCIATION OF ERIE, INC.

VOLUME IV, Number 5 May, June 1973

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ERIE'S FINEST AMATEUR RADIO NEWSBULLETIN.... BY FAR!

RADIO ASS'N OF ERIE, INC.
P.O. BOX 844
ERIE, PA. 16512

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ISABEL KAISER, W3KPE
965 WEST ARLINGTON RD.
ERIE, PA. 16509

The Radio Ass'n. of Erie, Inc.... Serving area "Hams" for over 27 years.

R A E M I N U T E S . . . . . April 5, 1973

The meeting was called to order at 8:10 PM by K3QAY.
Officers present: K3QAY, K3NAU, WA3HSR, and WA3EAY.
Directors present: WA3MAU, W3SN, WA3HSR, and K3VLP.

The minutes of the March meeting were approved as read.
The treasurer's report indicated a balance of $308.62.
A motion to pay the new bills was heard and carried.

CORRESPONDENCE:
1) NARC paper
2) Bill from Carabaglia Litho Supplies
3) Memberships from W3NXK, W3KKJ, W3ALD, and W3UCZ.

COMMITTEES:
QUA-RAE - Bob reported that the April issue would be assembled tonight after the meeting. Bob also reported that he solved the inking problems that he encountered with this issue and that a reverse label-maker had been obtained to aid in the production of up-to-date addressograph plates.

CD- K3KPM reported that the Welfare Test usually held in April had been postponed for 1973 and that a possible Hospital Net drill would be held in the fall.

REPEATER - K3WTZ reported that the new amplifier had been installed on March 31 and that all appeared well. Bob also reported that a filtered air system for the transmitter equipment was being considered to eliminate the dust problem.

ARRL - It was reported on the developments at the recent Board meeting. Mike reported that the board discussed that Hamfest prize purchasing difficulties and the board recommended, "that the Hamfest prize be purchased as soon as possible to avoid price hikes promised later in the year. K3WTZ moved that," the Hamfest committee purchase a two meter transceiver for a maximum price of $185.00 for a Hamfest prize as soon as possible." The motion was carried.

Also brought up at the Board meeting was the possible purchase of a TA-33 antenna from W3ALD for $35.00. K3WTZ moved that, "the RAE purchase the antenna for that price from W3ALD." A discussion followed as to possible uses of the antenna and the motion was carried.

AUCTION- WA3HDK announced that a committee meeting would be held on Sunday, April 8, 1973 at 1:00 PM at the Red Cross to discuss procedure.

FIELD DAY - W3YWL advised that operators had been secured for 6 meter, 40 meter, and 75 meter phone but more were needed.

ACTIVITIES - K3NAU listed the following activities:
April 19 - Ray Eller of Radolite
May 17 - Willie Manola, W3WBA of Mini-Products.
Augues 18 - Picnic at Waldameer Park.

NETS - K3NAU reported on the status of the two meter net and advised that starting times of nets would remain the same for now.

Continued on Page 11

10-8 THE FREQUENCY

While packing recently for a few days trip to Chicago, I stuffed my Motorola Handie Talkie into my suitcase thinking I might have some time to do a little "DX"ing in the evenings while I was there.

The rig and I then took off for the Windy City and terminated the flight only slightly worse for wear.

The reason I risked putting the rig in the suitcase and taking a chance on the Airlines' tender handling is worth pampering. The last time I took my little black box along I carried it in my attache case.

You should have seen the look on the pretty little female security guard's face when she opened my case for the new airline security check and found a little black box with wires running all over!

It took me 15 minutes to convince her it wasn't going to blow up just because it made a hissing sound!

Well, anyway, back in Chicago I got checked into my hotel and of course first thing I did was to get the rig out and fire it up.

I punched the button on .16-.76 and pleasantly surprised to hear a female voice announce "This is WA9ORC, Chicago, .16-.76 carrier access" followed by a CW I.D.

Then I made my first mistake. I said "Here is K3ATZ portable 9, QRZ". Nothing happened. I tried again. Still nothing. I figured I wasn't hitting it well enough to get thru, so I let it sit for a minute. Then I heard "This is K9XXX 10-8". Another station came back to him, and another until a good round table was going. I got enough nerve up to try to break in and sure enough they acknowledged me will a full quieting report. I figured out then that nobody knew what QRZ meant. (or at least what it meant on two meters in good old Erie, [illegible] the same as [illegible]. It meant I'm Chicago.

To make a long story short, I had several enjoyable QSO's (or is it 10-8's?) while I was there but I never did find out what 10-8 meant.

Of course there's got to be a moral. Here's five of them to go with my story:
(1) When in Chicago, do as the Chicagoans do. (I've heard that before).....
(2) Don't use QRZ when you mean CQ.
(3) Don't use 10-8 unless youre a city cop chasing juveniles.
(4) Don't use a repeater frequency for simplex operation. (Very unpopular there).
(5) Above all, don't act shifty-eyed and nervous when you're trying to get a black box that hisses on an airplane!

-CHUCK, K3ATZ

G L I M P S E S

W3LOS (ex W8BSE), Leo B. Weiner, graduated from high school in 1930 and completed two years at the University of Detroit School of Engineering. First licensed December 16, 1930. Now ORS and RM, General Class and RACES. First checked into WPA on October 30, 1963. Leo and his wife, Alice, have three daughters: Mary Anne, Lorraine and Christine, and one grandson. At present Leo is a machine design specialist at the General Electric Co., where he had worked for the past 31 years. During WWII he operated in the War Emergency Radio Service. Member, Radio Association of Erie. Member ARRL since 1957. Hobbies other than ham radio include hiking, photography, piano playing, stamp collecting, bird watching and wild flowers. Mailing address: 138 Chautauqua Blvd., Erie, Pa. 16511, phone (814) 453-3195.

WA8PZA- Pete Smith at Amateur Electronic Supply in Cleveland has some used C.W. Transmitters good for novice use (while they last). Tell him you saw this in the QUA-RAE.

K2ZYX- Willie is set up and running telefax on 6 meters.

Nr. 417 March 15, 1973

With the coming of the travel season, amateurs will be taking advantage of reciprocal operating agreements. Amateurs traveling across the Canadian/U.S. border should apply for an operating permit 30 to 40 days in advance. W?K licensees apply to the Department of Communications, Ottawa, Ontario, Canada or its six regional offices. Canadians apply to the FCC, Washington, D.C. 20554. Travelers visiting elsewhere should allow at least two months for processing of requests. Write to ARRL headquarters for details on a particular country. League headquarters is open Monday through Friday for visitors, with the exception of April 20, May 28, July 4 and September 3. Printed traveling instructions available upon request. AR

Nr. 421, April 12, 1973

Amateur stations in space, such as Oscar 6, operate under the regular amateur rules, except that certain requirements difficult or impossible to meet are waived by the Federal Communications Commission. Up to now such waivers had required the vote of the seven commissioners in formal session. In an order released March 26, however, the Commission has delegated to its Safety and Special Radio Services Bureau authority to grant waivers to amateur space stations on rules dealing with location, authorized emission, control identification, logging and operator privileges.

OSCAR BULLETIN NR 151, April 23, 1973

Oscar 6 users are urged to avoid transmitting within the 145.9 to 146.0 MHZ uplink band from Tuesday through Thursday GMT. This is the battery recharge period. Reduced performance of the 435.1 MHZ Beacon requires AMSAT Control stations to utilize the 29.45MHZ Beacon for telemetry. This necessary activity is iipaired when stations transmit to Oscar during the recharge period. From Friday through Monday GMT when the repeater is available for communication, users, are requested to avoid having their signals repeated on or near the 29.45H Beacon frequency.

The translator output band is 29.45 to 29.55 MHZ. 100 WATTS effective radiated power is the mazimum power permissable for ground stations to use when communicating via oscar.

The translator will return to operation, on April 27 with Orbit 2421, crossing the equator at 00331 GMT at 55.4 DEG West passing near New York City at 0045 GMT.

SPECIAL WIAW BULLETIN NR 940
April 19, 1973

Many amateurs have reported the garbage on 20 meters which is resulting from a station operating in Havana. The malfunctioning transmitter is radiating spurious signals every few Kilohertz above and below a center frequency of about 14080. Repeated international complaints through official channels to the government in Cuba have brought no relief, and daily complaints are now being filed with ITU in Geneva. Additional reports from U.S. Amateurs would be welcome.

Contributed by W3PAJ, K3KAP and K3KPJ.

HAVE RIG - WILL CHAT

Have you heard the one about a group that thinks it can affect changes in FCC Rules by ignoring official correspondence and by ignoring official correspondence and by staying on the air even after a license has been revoked?

You're absolutely correct. It couldn't. ...it wouldn't dare happen in commercial broadcasting. But it's happening among the ranks of Citizens Radio licensees.

Continued on page 5

According to an FCC release (95619), it has taken a cease and desist order to get a Kansas City Citizens Radio licensee to stay off the air. And it all comes about because licensees want to look at the use of those frequencies as hobby first, forget the rest.

Anyone who has operated on this band or has listened to it know that typical conversations from top to bottom indicate that just about every rule covering the use of these frequencies is being violated. There is nothing new about that. (Odds on, there are more violations per license in this service than in all the rest combined.)

No matter. According to the release, this Kansas operator is the state representative for the United CB'ers of America. Says the release, "This organization instructs its members to continue to violate the Commission's rules in an attempt to force the Commission to allocate the Citizens Radio service to hobby use and to approve a petition calling for reciding of all fines and citations for the past five years."

REPRINT FROM BROADCAST ENGINEERING.
April 1973

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5 0 MHZ. AND ABOVE

50.52 -AM Tri-State Net Sunday 9 PM
34/94 -FM Meret Net Sunday 10 PM

During the month of April the 6 meter net was saddened by the passing of Guss, WA2RQM. Six meter Net control for the month of March was Myron, W3AID. There was a total of 45 checkins for the month of March. We were glad to hear from WA2BCA, Richie; WA3HRJ, Jim; WA3PGL, Larry who joined the net and WA3HLN, John who rejoined the net.

6 meter Net control for the month of April was W3YWL, Doc. I have no ttotal checkins for April as I didn't keep track. We would like to welcome W3TRJ, Hoppy to 6 meters and hope to hear more from you, Hoppy.

these 6 meter rigs. Lets shake the birds off the antenna and get some call-ins going. The total check-ins for April 22 was only 7 stations. With 28 stations on the possible list, we should have at least 15 checkins each week, If you just call in once a month you will help keep 6 meters active in Erie.

It was my good fortune to find a Drake TR-22 (2mtr. FM) in my "Easter basket". HI! HI! So, we hope to be able to expand this column to cover both nets and all Erie VHF activities.

My only experience with 2 mtr FM at this time was the April 22 Meret net. At this time there was about 12 check-ins through the repeater. Net Control was K3NAU. Net control for the month of May will be WA2BCA. See you on 6 meter AM or SSB or on 2 meter F.M.

"73" Dave, WA3EZN

NOT EVERY BODY BUILDS KITS

Do you want to have some fun, renew a lagging interest in Amateur Radio? Learn something new about Electronics? Open up the handbook, or one of the many issues of amateur radio magazines that you have around the shack and build a solid state keyer! I guarantee it will give you a fresh new look at C.W. Even if you don't immediately kill the modulator and take a crack at 80 or 40 C.W., it's a ball learning to, and hearing yourself send perfectly spaced dot's and dashes with this interesting gadget.

Like so many fellows, when we were studying radio there was no such thing as solid state; but with the advent of IC's and transistors, TTL's, RTL's, and the like, there are a lot of "slick" things that can be done using these devices. Don't let the circuits confuse you. Try building something, perhaps a keyer, where you can get your feet wet with flip flops, gates and other transistor circuits.

CONTINUED ON PAGE 6

NOT EVERYBODY BUILDS KITS

Cont. page 5

We recently built the solid state keyer that is shown in the 1971 Handbook. After purchasing all the parts, we did not have in our "average" junk box, we spent less than $8. Just using the keyer as a code practice oscillator makes this project worth while. If you put it on the air your friends would never guess you had such a neat fist. Try it, you'll like it.

Dick Shreve, W3PIX

E C R E P O R T

With the plans for the auction in Full swing and because of many other club activities, AREC activity this month has been rather slow. No new membership applications have been received and no drills ran. The COM truck now has its new registration thanks to prompt action by our CD officials and the new inspection stick will be put on after May 1.

The clubs newly purchased TA-33 may find a berth at the EOC atop the 50' pole there or it may be stored in the COM truck. Whatever the Final decision is, let's hope it is able to be used by all club members. The EOC power plant is still not installed and delay on this increase our chances of being caught "off guard" immensly. Tom, W3YPM, assures us that it isn't his group that is holding us up. I can only hope that mother nature is on the Side of our CD officials.

Field Day is upon us again next month and hopefully this time without another disaster. Chairman W3YWL needs the support of all AREC members and I hope you will be in there for W3GV this June 23 and 24. Keep a sharp listen for WA3HSR 7 from DuBois, Wyoming. 73.

MIKE WA3HSR ERIE CO E.C.

W3AID- Myron is working on a 2mtr. F.M. Base station.

PEOPLE MAKE A CLUB

RALPH OWEN

If we had an R.A.E. Honor Roll, Ralph Owen would be my first nominee for the list. Ralph was practically Mr. R.A.E. during first ten years of the R.A.E.'s existance. He is the author of the brief history of the R.A.E.-most of have seen.

Ralph was a director for some 10 years or so, was a prime mover in our obtaining and equipping first the communications trailor, which was subfrequently switched to the Com-Truck we now have. In fact, Ralph picked the paint scheme used for the Com Truck.

In my opinion the club has never been as well run as it was in the days Ralph was on the Board.

It was Ralph who at one time had the club add to the building fund. At all times during his office the club was self sustaining from dues, collections (10¢ at each meeting plus fund raising hamfests & banquets).

Ralph didn't do it single handed but he set the tone of fiscal responsibility by his leadership.

Ralph was also quite active in Field Day, C.D. drills and other club activities.

We have had other good leaders through the years but none the equal of R .

If the R.A.E. ever initiates an Honor Roll, Ralph's name has to be on it.

Hobart Geer, W3SN

WA3UTN- Roy Ranowiecki is one of the newest Erie Hams. Welcome to the Fraternity, Roy.

WA3USH- Dick Bomboy is sporting a new HR2A and a new call.

1973 AUCTION IS JUNE 9

DON'T MISS OUR ANNUAL AUCTION THIS YEAR AT WALDEMEER PARK

The call of the auctioneer will soon be heard again. This year the Radio Assoc. of Erie is going to try something different. For the first time our annual auction will be held out of doors. We have secured the large picnic shelter at Waldemeer Beach Park for this years auction.

Admittly it will pose a few problems. Seating will be one of these but we feel that this is minot. Outside distraction, we hope will be overcome by using a good P.A. system.

We do feel that we all will benefit by the fact that the XYL & JR OPS can join in the trip out to the park. We hope to secure special ride rates that will still leave you some "green stuff" to buy goodies with.

This year we plan to start registering items at 10:00 a.m. The auctioning will begin promptly at 12 noon. This year the first items registered in will be the first sold. NO ITEMS WILL BE PUSHED AHEAD FOR ANY REASON. We believe this is only fair to the person who made an an effort to arrive early. It has been observed in the past—not only in Erie, but elsewhere—that the problem did take place. Again this year we will discourage placing minimum prices on items. If you feel your item is not bringing the price it should, you or one of your friends should bid on the item. Raise the price a little, I SAY AGAIN, only a little at a time. More than once we've seen this practice bring double or triple the price that the owner had in mind in the first place.

This year we hope to have three auctioneers on hand to keep things moving right along. Last year one man came down with the flu a week before the auction and spent 2 weeks in bed, another had something come up so we were forced to use those who had never tried before. They did I feel, an excellent job under the circumstances.

If you offer an item for sale and no one bids it high enough, you may bid it back without paying the commission. If you then find someone arrived late, didn't realize what it was, found it to be in better condition than they thought, or who sold the Ifty-Nifty Super Duper 2-tube regenetive receiver for twenty times what he thought it should bring, feel free to make a deal on the side or to run the item through again. It's been done before and sold the second time around. If you make such a deal, we feel that it is only fair that you return 10 percent of the final selling price to the club. After all, no one realizes the amount of time that goes into making one of these auctions a success nor how much the proceeds help to make your club a success. If we were to count all the time put into last years auction, before, during and after, we would come up with probably over 250 man hours. The total profit from the auction was just over $165 so you can see if it hadn't been for the fellowship it wouldn't have "paid" to have the auction.

The rules governing the auction are printed else where in this issue, so, read them carefully. If you have any question, see me or one of the auction team. If hou would like to help, call me (838-7082) or Bob Bair (725-9226) to volunteer.

Dig into those piles of "su[illegible]" goodies now, and meet me at the auction. Saturday June 9, 1973. Registration 10 a.m. Auctioning begins at 12 noon.

George Dickey, K3VLP

WA3EZN- Dave is a new comer to 2 mtr. F.M. with a Drake TR-22

W3CB- Homer Ellis is looking forward to Field Day and would like to help with a CW station. Anybody like to join him?

RAE

1973 ANNUAL AUCTION

SAT. JUNE 9th

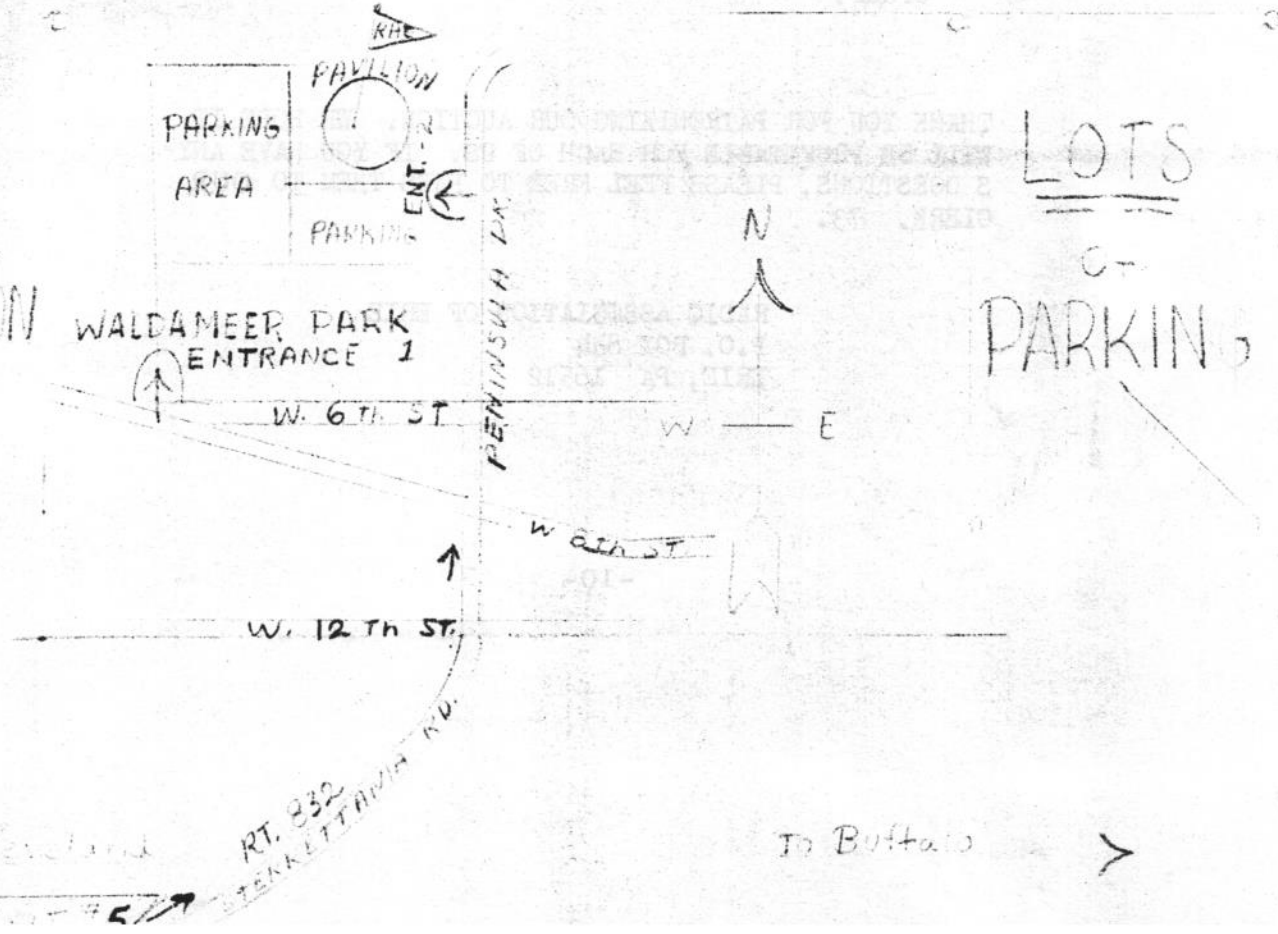
WALDAMEER PARK

SET-UP 10 A.M. ~ AUCTION BEGINS NOON

REFRESHMENTS

FREE ADMISSION

LOTS OF PARKING



1972 AUCTION RULES

1. A 10% commission will be charged on all items sold as a result of the auction. However, there will be no charge made if the owner bids back his own item.

2. An auction fee of 10¢ per lot will be made to place items on the auction block. Lots of similar items may be registered for one 10¢ fee, but one item of the lot will be auctioned and all the rest offered at the same price to those who want them.

3. We discourage minimum bid items. You may purchase your gear back without paying us the 10% commission. Therefore, minimum bid items will be placed on a separate table to be sold last.

4. Private sales should be approved by the auction committee. Please - we want to be fair to you; play fair with us by giving us the 10% commission on all sales arranged as a result of the auction.

5. All sales are for cash. Checks can only be accepted with suitable identification and when made payable to "Cash".

6. Any item not sold must be removed from the premises by the owner.

7. All items will be sold in the order they are brought in. Please don't ask us to sell your goods out of order.

THANK YOU FOR PATRONIZING OUR AUCTION. WE HOPE IT WILL BE PROFITABLE FOR EACH OF US. IF YOU HAVE ANY SUGGESTIONS, PLEASE FEEL FREE TO PASS THEM TO OUR CLERK. 73.

RADIO ASSOCIATION OF ERIE
P.O. BOX 844
ERIE, PA 16512

ARE YOU READY, Mr. Ham?

CRISWELL PREDICTS .....March 4, 1973

I predict that the bitter humor of Mother Nature will give our world a toss and a tumble on Sept. 27, 1973! I predict you will go to your wall calendar and ring this date at once and offer a prayer for personal safety on that date! I predict that destruction will be so great on the day of Sept. 27, that marital law will be declared in the entire Western Hemisphere for the protection of life, property and well-being! With the rampage of the quakes, the tornadoes, the hurricanes, the rains the floods and tidal waves, wholesale looting will be attempted but will be stopped by the bullets of the militia!

Contributed by Scotty, W3STK-

K2ZYX- Willie says for the AM boys to listen for him around 50.100 (APX) and throw some signal at him so he knows youre there and he will go AM and talk to you. (Hope I got that right Willie!!!)

MINUTES CONTINUED FROM PAGE 2

OLD BUSINESS

WA3HSR advised that he had ordered new supplies of the RAE stationery and envelopes from RWS Printing.

WA3HSR reported that a new issue of the Callbook had been purchased and that the supplements would soon be sent for.

NEW BUSINESS

WA3HDK submitted an $11.00 bill for stamps and postage and a $10.00 bill for QUA-RAE typing. A motion was heard and carried.

The meeting was adjourned at 9:23 PM.

Respectfully submitted,

Michael D. Hall WA3HSR
Secretary, RAE

FIELD DAY - '73

JUNE 23 - June 24

R.A.E. is again sponsoring participation in ARRL Field Day. This years event will feature the use of travel trailers. Why travel trailers? Comfort and convenience!
Remember back when Field Day was a test of man's ability to withstand pain? With so many members having there vehicles in their back yard, why not put them to extra use. I expect to use ours as a dining car. Hot meals eaten in comfort, regardless of the XY.

What better footing for these dampers than the solid black top of Bliley Electric parking lot on W. Grandview Boulevard.

The club has considerable equipment and antenna accessories plus telescoping masts available for use by some of the members. Each chairman of a band will have to come up with housing, an efficient, well matched antenna and rig, we have operators for 80, 40, and 10. Anyone for 20 and 15 meters?

The new rules and regulations for 73 FD should arrive in time for next month's column. Like the Pharisses of old, we want to be legal. See U next month.

'Doc' W3YWL.

ON THE BANDS---

WA3TRJ- Dick, did you find out the number of the transistor you wanted me to get for your keyer?

W3PIX- Yes, but I forgot what the number was.

WA3TRJ- Well is it a kit, or what?

W3PIX- No, It's the one in the handbook. Oh! I remember! It started with 2N something. Does that help you?

WA3TRJ . . . (Silence)

SUN	MON	TUE	WED	THUR	FRI	SAT
					1	2
3 NETS *	4	5	6	7 8:00 Business Meeting Red Cross Bldg.	8	9 AUCTION Waldameer Park @ 12 Noon
10 NETS * VHF QSO PARTY	11	12	13 W1AW Qualifying Run 9 pm DST	14 8:00 Repeater Committee RC Bldg.	15	16
17 NETS *	18	19	20	21 NO ACTIVITY MEETING C u at Field Day	22	23 Field Day-- Bliley's Parking lot
24 Field Day NO NETS	25	26	27 W1AW Qualifying Run 9 am DST	28 8:00 Newsl'tr Meeting R C Bldg.	29	30
1 NETS*	2	3	4	5 8:00 Business Meeting R C Bldg.	6	7
8 NETS*	9	10	11	12 Repeater Committee R C Bldg 8:00	13 W1AW Qualifying Run	14 C D cw Party

JUNE

JULY

* 10 M, 8 pm 29Mhz. // 6 M, 9 pm 50.52 Mhz. // 2 M, 10 pm 146.94/34